January 2009

Table of Contents

Upcoming Events Announcements **GSC Meeting Overview**

Tip of the Month: NIH Fitness Center Discount

Entertainment

GSC Year in Review: Megan Cleland and

Athena Klutz

Upcoming Events

January

23 GSC Retreat, 11AM-2:30PM

27 Grad Student Roundtable, 2-5PM

February

- 2 GSC Meeting, 5PM
- 3 Manna food box packing
- 4 Triad Lunches, 12PM
- 10 Pathways, 1PM
- 14 Valentine's Day
- 16 Presidents Day
- 19 GS3, 12PM

Announcements

GSC Meeting:

The next Graduate Student Council meeting will be held on Monday, February 2nd at 5PM in the Grad Student Lounge, Building 10 Rm 6S235.

GSX Listserv:

The Graduate Student Exchange (GSX) is a social listserv for grad students at NIH. Postings for roommates, items for sale, and social outings are common. It's a great way to connect to the group of grad students. To join the group, visit http://gpp.nih.gov/Current/GraduateStudentCouncil/GSC ListServs/.

February Campus Triad Lunch:

NIH graduate students meet monthly for lunch at various cafeterias across the NIH campus. The next Triad Lunch for those on NIH main campus will be on Wednesday, February 4th at 12 noon.

East Campus (Bldg 8, 50, 6, 15K, 31, 33, 4, 5, 9, 12, 13, 17, 14, 18, 41, 38A): Meet in Bldg 1 cafeteria.

Central Campus (Building 10): Bldg 10 cafeteria.

West Campus (Building 29A, 29, 30, 49, 37, 40, 35): Bldg 35 cafeteria.

Please join your Campus Area mailing list at http://gpp.nih.gov/Current/GraduateStudentCouncil/GSC ListServs/. The purpose of these lists is to foster communication among grad students and announce the monthly Campus Triad Lunch with students in your region of campus. There are also listservs for the other campuses.

Additionally, NIH East Campus Triad needs a new host. If you are on the NIH GSC-EAST listserv, you could lead the lunches! Please contact Kim Baxter (baxterkim@mail.nih.gov) if you are interested.

Community Service:

This spring, a team of NIH Graduate Students will participate in Relay for Life to raise money and awareness to support the American Cancer Society's lifesaving mission. It's not too early to get involved: join our team or donate money at the team webpage:

http://main.acsevents.org/site/TR/RelayForLife/RFLFY0 9SA?team_id=362801&pg=team&fr_id=12639&et=0Zto n5wkKQTP x hamCNGQ..&s tafld=243467. To find out more, contact Matt Berberich, Team Leader, at mjberberich@yahoo.com.

Pathways:

Pathways is a monthly meeting where career options and development are discussed, usually from the perspective of someone outside of basic research. The next event will be a Project Management Seminar on February 10th, from 2-**4PM**. **Lunch** will be provided at **1PM** in the Grad Student Lounge.

GS3:

The Graduate Student Seminar Series (GS3) is a monthly meeting where students present their work to fellow graduate students. These meetings are great practice for talks, conferences, retreats, a dissertation defense, etc. At each meeting, two speakers each give 20-minute talks. The next meeting will be **February 19**th at **12 noon** in the Grad Student Lounge. If you would like to present your research to your fellow grad students, please email GSCgs3@od.nih.gov to schedule a date.

Biophysics and Structural Biology Group: The Biophysics and Structural Biology Graduate Student Interest Group has been meeting bimonthly. The first meeting of the month focuses on learning a new laboratory technique, whereas the second meeting of the month is used to discuss a paper that uses the technique. If you are interested in attending or have any questions, contact GSCstructbiol@od.nih.gov.

SNIG:

The **Systems Neuroscience Interest Group for Graduate Students** is a group of students interested in systems/ cognitive/ clinical neuroscience. The group meets once a month to discuss the latest topics of systems neuroscience and to listen to a talk from a member of the group. Please contact GSCsnig@od.nih.gov if you would like to join.

Happy Birthday to: Stephanie Guzik (Jan 11th), Nancy Van Prooyen (Jan 12th), Megan Cleland (Jan 15th), Jennifer Reed (Jan 16th), Beth Hayes (Jan 20th), Angelo Kolokithas (Jan 27th), Heather Pressler (Jan 29th), Kevin Shenderov (Jan 29th), and Lydia Durant (Jan 30th).

Upcoming Birthdays: Phil Wang (Feb 7th), Lei Qin (Feb 8th), Ryan Ryan (Feb 13th), Mohammed Zulfiquer Hossain (Feb 16th), Natalia Wesolowska (Feb 23rd), Anastasia Wise (Feb 25th), and Loren Hansen (Feb 28th).

Please send your publications, awards, graduation, and birthday announcements to GSChronicles@od.nih.gov for recognition. Also send your nominations for students to be included in the Graduate Student Spotlight.

GSC Meeting Overview: 01/05/09

- New GSC officers introduced: Co-chairs Kim Baxter and Kate Callahan, Secretary Tom Johnson, Treasurer Matt Berberich.
- Plans for Graduate Student Roundtable on Tues Jan 27th (2-5 PM) presented.
- GPP interviews are scheduled throughout February. Please contact your partnership representative if you would like to help welcome interviewees for your partnership.
- GSC retreat (Fri, Jan 23rd from 11-2:30 PM in Natcher Room A) goals and agenda discussed.
- Vote on constitution by-law amendment, which will modify role and distribution of partnership representatives, scheduled during GSC retreat. 2/3-majority Council vote required to amend bylaws.

- Social Committee: Holiday Party "a great success."
- 2009 Social Committee volunteers are Dan Crooks and Nick McBride.
- FAES Lab Technique Class Committee is renamed Teaching Committee.
- Matt Berberich volunteered for 2009 Teaching Committee.
- Tamara James will lead Biophysics and Structural Biology Interest Group for 2009.
- Project Management Seminar scheduled for Tues, Feb 10th from 2-4 PM, with lunch at 1 PM.
- Community Service: Manna box packing on Feb 3rd, blood drive scheduled for mid-Feb, and Relay for Life scheduled during Apr.
- Partnership Representatives express need for partnership student contact list.
- FELCOM: plans for a guided tour of the Capitol on either Jan 24th or 31st presented.
- If you would like to forward email to FELCOM listserv, please contact Dan Crooks (FELCOM rep).
- Graduate Student Symposium scheduled for Nov 10th in Natcher.

Tip of the Month:

NIH Fitness Center Discount

Thanks to Phil Wang and the Recreation and Welfare Association (R&W), NIH graduate students now have discounted membership rates at the NIH Fitness Center. The Fitness Center is located in Bldg 31, Rm B4-C18 (ID card access to Bldg 31 after 6pm can be granted by asking the administrative office of your Institute). It is a small but very clean gym, with many machines, free weights, cardio equipment (treadmills, ellipticals, stairmasters), and locker rooms. The staff is very friendly, many NIH Fellows are members, andmost importantly—it's so close! See www.recgov.org/fitness or email wangph@nidcd.nih.gov for more information.

Graduate Student Entertainment

Spice up your day with these action-packed, high-tech, explosion-filled science equipment videos.

Set your research...on fire!

http://www.youtube.com/watch?v=o0WK2EZPlyc Enter the AffyMatrix:

http://www.youtube.com/watch?v=jaJVIf-r22Q&feature=related

*Disclaimer: The GSC and NIH do not endorse any of these products which are featured for entertainment purposes only.

GSC Year in Review: 2008

Megan Cleland and Athena Klutz GSC 2008 Co-chairs

First, we would like to thank the graduate students at NIH for the opportunity to serve as your GSC Co-chairs. We would also like to thank all of the members of the GSC and the GPP office because without their help, none of these goals would have been reached. Initially we set out 4 goals based off of the first annual GSC retreat last January.

1. Finances

Prior to this year, the GSC did not have its own budget or source of financing. This led to problems when we attempted to organize activities such as social or community service events. Therefore, this year, we began the "activity pass." This pass allowed the holder to attend all of the yearly GSC events for only \$20. Furthermore, it also allowed the GSC to raise several hundred dollars for the treasury, which was run by Stephanie Guzik.

We also wanted to sell t-shirts, but after looking into the costs of printing the shirts, this option was not economically feasible. However, the GPP was able to give us free t-shirts at the Graduate Student Retreat in July. We held a t-shirt design contest during which 121 people voted on 6 t-shirt designs. These shirts were printed with the winning design from Megan Cleland and were the first t-shirts specifically for graduate students on campus. We are indebted to the GPP—particularly Caroline Duffy, Sharon Milgram, Kathryn Foisie, and Betsey Wade—for their work on acquiring the shirts.

Finally, we have also been able to collaborate with FAES on both the Halloween and Holiday parties. FAES and GSC co-sponsored the Halloween party, which was funded by FAES. For the Holiday Party, FAES agreed to waive the fee for the house rental, saving both GSC and FelCom significant money.

2. Community Participation

In an effort to increase participation, we have created building-specific listservs. Please see http://gpp.nih.gov/Current/GraduateStudentCouncil/GSC ListServs/ for a detailed listing of the various listservs. The main campus has been split into 3 regions to group less-populated buildings with those which have a greater number of grad students. The purpose of these lists is to foster

communication among grad students and have a monthly lunch with grad students in your region of campus. We have also created listservs for the other campuses. There have been several lunches held across campus. Thank you to the organizers of the lunches: Megan Cleland, Gayani Weerasinghe, and Kate Szarama.

The GSC and GPP also held several orientation activities, such as a BBQ and bowling night for the new graduate students on campus. These events were planned by Gayani Weerasinghe and Stephanie Payne. We also began to coordinate our social activities with FelCom thanks to Phil Wang, Gayani Weerasinghe, Dan Crooks, and Heather Pressler, as well as the FelCom Social Representative, Chaya Pooput. In addition to combining our social activities with FelCom, we combined our career seminar lunches, also known as Pathways, with FelCom's career seminars. Thanks go out to Sally McMillin, Nick McBride, and Shau-Ming Wei for making these seminars so successful.

Finally, we have also increased participation with graduate students at other NIH campuses. We would like to thank Barbara Ward of the GPP for the acquisition of a telephone in the GSC lounge so we can now teleconference with the students at Rocky Mountain Labs and other satellite campuses. We have also been able to iChat during GSC meetings with those abroad using the Macintosh computer in the lounge.

3. Representation

Our third goal was to increase graduate students' ability to solve problems. Many graduate students faced the same tasks each year as previous students, but they did not have an organized way to get answers to these problems. Therefore, Tracy Jill Doty and Tony Barnitz, the previous GSC co-chairs, decided that each formal partnership would have a partnership representative, which is someone that could answer questions about the program. There would also be International and U.S. informal partnership representatives for the students in individual agreements. All of these representatives would be considered positions on GSC. This year, we implemented these representatives using elections which were organized by the OITE representatives, Kate Callahan, Marieke Mur, and Christina Saikus. We have also added a suggestion box in the lounge in case anyone would like to submit anonymous suggestions.

The GPP has also decided that we should meet once a year to discuss current graduate student affairs and find ways to improve graduate students' problems. Therefore, they are having the "Roundtable" discussion on January 27th, which all graduate students are invited to attend.

4. Graduate Student Relationship

As a council, we felt one of the weakest aspects of our circle of life here at NIH was the lackluster culmination of our dissertation research, from a lost graduation ceremony to nonexistent thesis seminar presentations. The Symposium Committee added a graduation ceremony at the end of the day to honor the ~50 graduating students—which, as you will read below, was a success. We also created a Thesis Committee whose mission is to give students a chance to present their dissertation research to the NIH Community. This thesis seminar will serve as an opportunity to celebrate with colleagues who contributed to the graduate student's achievement and to introduce the student and his/her work to other scientists with similar research interests. Thanks to Tina Tang, Khalisa Herman, and Rui Gao, members of the Thesis Committee. We would also like to thank Betsey Wade, Caroline Duffy, Sharon Milgram, and Mark Cookson for working with us to establish these talks.

We recently surveyed the graduate student community and an overwhelming majority (greater than 90%) of students expressed an interest in giving a thesis talk to the NIH Community. However in the past year, only 8 out of 50 graduating students have opted to give a thesis talk. The goals of the Thesis Committee are two-fold: 1) to encourage more students to present and 2) to increase attendance at these talks by making this a formal milestone in the graduate career at NIH. We hope that over the next few years the tradition of giving your thesis talk at NIH becomes a constant.

Thanks and congratulations to all those who presented their dissertation work at NIH in 2008: Jonathan Lefman (actual defense), Gretchen Nelson, Jodi Gilman, Kristi Norris, Jeff Blackinton, Phil Ryan, Will Grimes, and Kelly Jean Thomas. In the future, when you get close to graduating, don't forget about sharing your work with those who supported you along the way.

To further enhance the relationship of graduate students with the NIH community, the GSC has

produced or helped produce several publications, which have been distributed to the NIH community. Vanessa McMains wrote an article for the NIH Catalyst. Stephanie Guzik and Cynthia Chang have produced the GSChronicles, which is distributed to all graduate students as well as many faculty on campus.

The GSC is a large machine, which has many different parts and committees that operate separately from us as Co-chairs. Many of the following paragraphs are taken and adapted from submissions of the various committee heads since we did not want to leave anything out about GSC's accomplishments in 2008.

Committee Reports

Executive Committee: Megan Cleland and Athena Klutz served as Co-chairs of the Graduate Student Council while Kim Baxter served as Secretary and Stephanie Guzik served as Treasurer.

Social Committee: Gayani Weerasinghe

Gayani helped to organize numerous networking opportunities at local restaurants as well as activities such as bowling. The social committee also helped to plan the Orientation BBQ with Stephanie Payne, the Halloween Party with Deborah Kwon and Sandra Dunn, and the Holiday Party. There were also many social activities such as hiking and visiting local museums held in collaboration with FelCom.

Academic Committee: Marieke Mur, Megan Denis, Amanda Higley, and Kate Callahan Summer student journal clubs: In the summer of 2008, the academic committee, along with the GPP office, organized a series of journal clubs for the summer students. Two graduate students organized each journal club. Even though summer student participation in the journal clubs was a bit low, the students who did participate enjoyed the experience. In the near future, journal clubs will be offered year round for post-bacs and run by both post-docs and graduate students. Thanks to all those who participated in leading the journal clubs:

- Molecular Genetics of Blood Development:
 Andre Pilon and Ashley Owen
- Neuro-Imaging and Structural Biology: Muslimah Ali and Jon Lefman
- Cognition and Mood Disorders:
 TJ Doty and Rose-Marie Karlsson
- Genomics and Human Health: Techniques.

Technologies, and Gene Therapy: Amrita Ghosh and Gillian Hooker

 Neurobiology of Developmental and Neurodegenerative Diseases:

Derek Narendra and Devon Brost

Small RNA Molecules:

Kate Callahan and Marcelo Diaz Bustamante

FAES class: The Academic Committee along with Betsey Wade organized the Fall 2008 FAES course, BIOL 262: Molecular Approaches to Studying Diseases. Thanks to all of those who worked with Betsey to make the FAES class a success. Here is a list of the graduate students involved in teaching the FAES class:

 Introduction/Organizational Session/Basic Principles:

> Teaching Committee (Kate Callahan, Megan Dennis, Amanda Higley, Kara Linderstorm and Marieke Mur)

· Nucleic Acids I:

Rose-Marie Karlsson

· Nucleic Acids II:

Megan Dennis

- Gene Expression Analysis & Microarrays: Amrita Ghosh
- Protein Expression, Purification, and Characterization:

Kate Callahan

• In vivo/In vitro Models:

Amanda Higley

· Immunochemical Techniques:

Derek Narendra

 Enzymes, Cell Membrane Receptors and Applications:

Danielle Guez

Microscopy Applications:

Sejin Han

Structural Biology:

Matt Berberich

· Imaging:

Shau-Ming Wei

Statistics:

Amanda Higley

Biophysics: The Biophysics interest group, led by **Matt Berberich**, met several times this year and discussed various Biophysics-related methods. The speakers throughout the year were: Adam Zwolak and Christina Bodner on NMR, Tracy Jill Doty and Shau-Ming Wei on MRI, Garth Terry on PET, and Tamara James on Molecular Modeling. The group is looking for speakers for the upcoming year.

SNIG: The Systems Neuroscience Interest Group (SNIG) was headed by **Lei Qin** and **Kara Lindstrom**. They met several times throughout the year so that students could present their research and kept an active listserv to inform students about neuroscience events on campus.

Career Development:

Pathways: Sally McMillin, Nick McBride, Shau-Ming Wei

The Pathways Committee recently joined forces with the FelCom Career Development Committee, allowing them to bring in more speakers and attract larger crowds to the seminars. The graduate student lunches have also been well attended, with as many as 30 students at some lunches. The lunches have also proven to be rather informative, as the participants have consistently asked interesting and relevant questions. Seminars this year have included some exciting topics such as "how to publish in a peer reviewed journal", "continuing education beyond the PhD", "science policy", and "teaching in a primarily undergraduate institution." The seminars/lunches have also had the pleasure of hosting some fascinating speakers (listed below), and hopefully, Pathways will continue to have as much success in the coming year.

Pathways Lunch Guests:

- Dr. Richard Siegel Director of the NIH funded Medical Scientist Training Program (MSTP)
- Dr. Goli Samimi Postdoctoral Participant in NCI's Cancer Prevention Fellowship Program (CPFP)
- Dr. Michael Stebbins Director of Biology Policy, Federation of American Scientists and author of Sex, Drugs and DNA
- Dr. Bruce Altevogt Senior Program Officer at National Academy of Sciences
- Dr. Nathaniel Hafer AAAS Science Policy Fellow, NIH
- Dr. Ann Corsi Associate Professor, Department of Biology, The Catholic University of America
- Dr. Ricky Hirschhorn Professor of Biology and Director of the Graduate Biomedical Science Program, Hood College
- Dr. Jochen Mueller Asst. Professor of Biology, Morgan State University

GS3: The Graduate Student Seminar Series (GS3) was organized by **Roseanne Zhao** at the beginning of the year and transitioned to **Matt Berberich** at the end of the year. Thanks to all those who presented their work at the GS3.

Community Service:

Together with her team of volunteers about 700 boxes of food were packed for Montgomery County families. Some of these families are referred to Manna by the NIH Clinical Center. We are proud that at least 30 different volunteers participated in these events! In addition to the frequent Manna Food events, grad students found another way to give back to the NIH community through donations of our blood. Thanks to Kim's initiative and organization, we had about 35 blood donations throughout the 4 Graduate Student Blood Drives at the NIH Blood Bank in 2008. This isn't even including all those donations by graduate students outside of the blood drives (at least 20 volunteers!)

Kim Baxter, the head of GSC Community Service.

organized 5 events at Manna Food this past year.

Kim, Sally McMillin, Amrita Ghosh, Sandra Dunn and Ashley Hardin volunteered with the Youth Enrichment Program at the Transitional Housing Corporation in D.C. They kept the kids company and tried to maintain some order during their snack time and evening activity (arts and crafts, games, reading, etc). It is obvious that the children really enjoy this group activity, and we know that many of them rely on it as a constant in a life that is full of variables. We would love to get more NIH Graduate Students involved with the program.

Another activity that occurred this year was the National Public Lands Clean-Up Day (September), where seven grads worked in the Sligo Creek river bed, cleaning up trash and debris. There were also a couple of students who participated in local school Science Fair judging activities.

Trainee Advisory Committee (TAC): Kate Callahan, Christina Saikus, and Marieke Mur

Kate organized the election of both the 2008 and 2009 formal partnership representatives, while Christina and Marieke organized the elections of the individual agreement representatives. In 2009, the agreement groups were broken up so that each university would have its own representative. The committee tried to communicate frequently with the reps to encourage them to participate in the council and advertise events to their constituents. The students also attended the Trainee Advisory Committee meetings where Sharon asked for our input on anything from the redesign of the OITE website to additional programs OITE should consider sponsoring. To gather information for Sharon, the TAC sent

surveys to their respective groups using Survey Monkey. The compiled results were sent to Sharon. Thanks to all those who agreed to be the first ever partnership representatives at NIH.

Formal partnership representatives:

- Neuroscience at Karolinska Institute Kate Szarama
- Neuroscience at Brown University Shau-Ming Wei
- Biomedical Sciences at Georgetown Ashley Owen
- Cell, Molecular, Developmental Biology & Biophysics at JHU

Gayani Weerasinghe

- Health Sciences at Cambridge Sariah Khormaee
- Biomedical Sciences at Oxford Lydia Durant
- Biomedical Sciences at GWU Andre Pilon
- Bioinformatics at Boston University; Molecular Basis for Infectious Diseases at NIAID/RML & U of Montana; Structural Biology at NYU Shawna Graves
- Biophysics at U of Maryland College Park, Sensory & Communication Neurosciences at NIDCD & University of Maryland - College Park Ashley Hardin
- Cell Motility & Cytoskeleton at UNC Chapel Hill; Immunology at University of Pennsylvania Anthony Blount
- DNV/PhD: Molecular Pathology NCI & NCSU / MSU / UIUC / UMD; Nursing/PhD: Nursing & Behavioral Research – NINR & JHU / OHSU / UCSF / U of I / PITT / U of U Emma Kurnat-Thoma

International individual agreement representatives:

Julien Debbache Guillaume LeBoucher Lisa Mielke Kai-Markus Mueller Pamela Ng

US individual agreement representatives:

Irene Avila Muslima Ali Amanda Higley Christina Saikus Khalisa Herman Sandra Dillahunt

Public Relations Committee

Stephanie Guzik and Cynthia Chang wrote the GSChronicles to inform graduate students and faculty of graduate student events at NIH.

Christina Saikus and Julien Debbache kept the graduate student website and GSX up-to-date, respectively. Heather Pressler, Dan Crooks, and Phil Wang served as liaisons to the FelCom committee.

Symposium Committee

Kate Callahan, Dan Crooks, Marieke Mur, Phil Wang and Abbi Engel helped plan the Fifth Annual NIH Graduate Student Symposium, which took place November 14th, 2008. For a detailed account of the day, please see the November 2008 *GSChronicles*. Thank you to everyone for attending and participating in the Symposium, making the day such a success. We would like to acknowledge all of those who received awards at the Symposium.

Outstanding mentor awards: We would like to congratulate the 3 mentors chosen for the outstanding mentor awards: Dr. Bruce Hope nominated by Danielle Guez, Dr. Alan Kimmel nominated by Vanessa McMains and Dr. Robert Wenthold nominated by Philip Wang.

2008 NIH Graduate Student Research Award Winners Listed by Category:

- Biochemistry, Developmental, Cell and Molecular Biology:
 - Dan Crooks, NICHD, Georgetown University Ronit Salomon, NCI, Tel-Aviv University
- Computational Biology and Epidemiology: *Arjun Prasad*, NHGRI, George Washington University
- Immunology, Virology and Microbiology: Katy Graef, NIAID, University of Oxford Vandana Sekhar, NIAID, University of Maryland
- · Genetics:
 - *Michael Nickerson*, NCI, George Washington University
- Neuroscience:
 - Devon Brost, NIMH, Georgetown University Tracy Yuen, NINDS, University of Cambridge
- Structural Biology, Biophysics, Chemistry and Pharmacology:
 - Jessica Keffer, NIDDK, Georgetown University
- New Proposal:
 - Deborah Kwon, NINDS, Brown University

Finally we'd like to congratulate all those who completed their PhD's in 2008:

- Stanley Adoro (NCI, University of Pennsylvania)
- Jeffrey Blackinton (NIA, Karolinska Institute)
- Yenan Bryceson (NIAID, Karolinska Institute)
- Kristina Buac (NHGRI, The George Washington University)
- Ambika Bumb (NCI, University of Oxford)
- Brian Capell (NHGRI, New York University)
- David Caudell (NCI, University of Maryland, College Park)
- Natalia Chalmers (NIDCR, University of Maryland Dental School)
- William Culp (NEI, Karolinska Institute)
- Sean Donohue (NIMH, Karolinska Institute)
- Jodi Gilman (NIAAA, Brown University)
- Marta Gozzi (NIMH, University of Milano Bicocca)
- Courtney Granville (NCI, George Washington University)
- William Grimes (NINDS, University of Maryland, College Park)
- Anthony Griswold (NINDS, George Washington University)
- Amanda Higley (NIDA, Kansas State University)
- Mark Hoenerhoff (NCI-CCR, University of Michigan)
- Howard Dean Hosgood, III (NCI, Yale University)
- Jean-Sebastien Jouhanneau (NINDS, Bristol University, United Kingdom)
- Yoonhee Kim (NHGRI, Seoul National University, Korea)
- Tracy Laabs (NHLBI, University of Cambridge)
- Jonathan Lefman (NCI-CCR, New York University)
- Jeffrey Lengyel (NCI-CCR, University of Cambridge)
- Anne Letocha Ersig (NHGRI, University of Iowa)
- Katherine Meilleur (NINDS, Johns Hopkins University)
- Gretchen Nelson (NIAID, Johns Hopkins University)
- Lisa Nichols (NIMH, Purdue University)
- Kristi Norris (NINDS, George Washington University)
- Edward O'Brien (NHLBI, University of Maryland College Park)
- Fernando Paiva (NINDS, Universidade de São Paulo)
- Deepa Rajagopal (NIA, University of Maryland, Baltimore)
- Zaheer Rana (NICHD, University of Oslo, Norway)
- Philip Ryan (NCI, The George Washington University)

- Ronit Salomon (NCI, Tel Aviv University)
- Joana Taylor Tavares (NIMH, University of Cambridge)
- Paul Tesar (NINDS, University of Oxford)
- Kelly Jean Thomas (NIA, Georgetown University)
- Abby Vogel (NICHD, University of Maryland, College Park)

We enjoyed our time serving as your Cochairs,

Megan & Athena

Writers and Contributors:

Cynthia Chang: Layout, Composition, Upcoming Events, Announcements Vania Cao: Entertainment Rebecca Chodroff: Meeting Overview Megan Cleland: GSC Year in Review Athena Klutz: GSC Year in Review Phil Wang: Tip of the Month

Editors:

Cynthia Chang, Vania Cao, Rebecca Chodroff, Stephanie Guzik, Vanessa McMains, Athena Klutz, Megan Cleland, Kim Baxter, Kate Callahan, Tracy Jill Doty, Cathy Kolf, Caroline Duffy, Betsey Wade, Sharon Milgram